Construction

Appropriations Language

For construction, improvement, acquisition, or removal of buildings and other facilities required in the conservation, management, investigation, protection, and utilization of fishery and wildlife resources, and the acquisition of lands and interests therein; $23,071,000, to remain available until expended

Authorizing Statutes

Recreation Use of Conservation Areas Act of 1962 (16 U.S.C. 460k-460k-4). Commonly known as the Refuge Recreation Act of 1962, authorizes development of fish and wildlife areas for recreational use, including land acquisition and facilities construction and management.

National Wildlife Refuge System Administration Act of 1966, *as amended* (16 U.S.C. 668dd-668ee). Authorizes the Secretary of the Interior to award contracts for the provision of public accommodations of the National Wildlife Refuge System.

Migratory Bird Conservation Act (16 U.S.C. 715k). Provides for land acquisition, construction, maintenance, development, and administration for migratory bird reservations.

Fish and Wildlife Act of 1956 (16 U.S.C. 742a-742f). Authorizes the development, management, advancement, conservation, and protection of fish and wildlife resources, including the acquisition and development of existing facilities.

Comprehensive Environmental Response, Compensation, and Liability Act, as amended (42 U.S.C. 9601, et seq.). Authorizes trustees for natural resources to recover costs associated with hazardous materials removal, remediation, cleanup, or containment activities.

Federal Facilities Compliance Act (50 U.S.C. 1941). Requires federal agencies to comply with federal, state, and local solid and hazardous waste laws in the same manner as any private party.

Pollution Prevention Act of 1990, *(P.L. 101-508) as amended* (42 U.S.C. 13101, 13101 note, 13102-13109). Requires pollution that cannot be prevented at the source to be recycled in an environmentally sound manner, and disposal as a last resort.

Solid Waste Disposal Act (P.L. 89-272, 79 Stat. 997, as amended by the Resource Conservation and Recovery Act). Mandates that federal agencies to divert solid waste from disposal in landfills through waste prevention and recycling at the rate of 45 percent by 2005 and 50 percent by 2010.

Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7701 -7706). Establishes an earthquake hazards reduction program.

National Dam Safety Program Act (P.L. 104-303 as amended by the Dam Safety and Security Act of 2002, P.L. 107-310). Provides for Federal agencies to implement the Federal Guidelines for Dam Safety, which established management practices for dam safety at all Federal agencies.

National Energy Conservation Policy Act of 1978 (P.L. 95-619, as amended, and 92 Stat. 3206, 42 U.S.C. 8252 et seq.). Establishes an energy management program in the federal government and directs federal agencies to perform energy surveys and implement energy conservation opportunities to reduce consumption of nonrenewable energy resources in buildings, vehicles, equipment, and general operations.

Federal Energy Management Improvement Act of 1988 (P.L. 100-615, November 5, 1998). Promotes the conservation and efficient use of energy throughout the federal government.

Energy Policy Act of 2005 (EPACT) (P.L. 109-58, August 8, 2005). Extends previous Congressional direction to Federal facility managers with even greater goals of energy efficiency improvements in existing and new facilities, mandates increased use of renewable energy sources, sustainable building design and construction, metering of all Federal buildings, and procurement of *Energy Star* equipment. This legislation contains energy efficiency tax credits and new ways to retain energy savings.

(16 U.S.C. 695k-695r). Provides for limitations on reduction of areas by diking or other construction in California and Oregon in the case of migratory waterfowl and other refuges, as well as other construction provisions.

(16 U.S.C. 760-760-12). Provides for the construction, equipping, maintenance, and operation of several named fish hatcheries.

(23 U.S.C. 144 and 151). Requires bridges on public highways and roads to be inspected.

Executive Orders

Presidential Memorandum of October 4, 1979. Directs all federal agencies to adopt and implement the Federal Guidelines for Dam Safety as prepared by the Federal Coordinating Council for Science, Engineering, and Technology. (Secretary of the Interior Order No. 3048, implements and assigns responsibility for a Department-wide dam safety program in accordance with the President's memorandum).

Executive Order 12088. Requires agencies to ensure that facilities comply with applicable pollution control standards; ensure that sufficient funds for environmental compliance are requested in their budgets; and include pollution control projects in an annual pollution abatement budget plan.

Executive Order 12941 for Seismic Risk Safety (December 1994). Adopts minimum standards for seismic safety, requires federal agencies to inventory their owned/leased buildings and estimate the cost of mitigating unacceptable seismic risks.

Executive Order 12699, Seismic Safety of Federal and Federally Assisted or Regulated New Building Construction. Covers the new construction portion of *The Earthquake Hazards Reduction Act of 1977* (P.L. 95-124).

Executive Order 13031, Federal Alternative Fueled Vehicle Leadership (December 31, 1996). Mandates that the federal government demonstrate leadership in Alternative Fuel Vehicle (AFV) use and ensures that 75 percent of new light-duty vehicles leased or purchased in FY 2000 and subsequent years in urban areas are alternative fuel vehicles.

Executive Order 13123, Greening the Government Through Efficient Energy Management (June 3, 1999). Revokes Executive Order 12759 of April 17, 1991, Executive Order 12845 of April 21, 1993, and Executive Order 12902 of March 9, 1994. Mandates that Federal agencies improve the energy efficiency of their buildings, promote the use of renewable energy, and reduce greenhouse gas emissions associated with energy use in their buildings. Through life-cycle cost-effective energy measures, federal agencies shall meet goals for greenhouse gases reduction, energy efficient improvement, renewable energy, petroleum reduction, and water conservation.

Executive Order 13148, Greening the Government Through Leadership in Environmental Management (April 21, 2000). Mandates development and implementation of Environmental Management Systems (EMSs), establishment and implementation of compliance auditing programs, reduction of toxic chemicals, reduction of ozone depleting substances and the promotion of environmentally and economically beneficial landscaping.

Executive Order 13149, Greening the Government Through Federal Fleet and Transportation Efficiency (April 21, 2000). Continues the AFV acquisition requirements of Executive Order 13031 and mandates that government agencies reduce the amount of petroleum used by vehicle fleets. Reductions should be achieved through improvements in fleet fuel efficiency and the increased use of AFVs and alternative fuels. The Order requires that 75 percent of new light-duty vehicles leased or purchased in FY 2002 in urban areas be AFVs and annual fleet petroleum consumption be reduced by 20 percent by the end of FY 2005 in comparison with FY 1999.

Presidential Memorandum, Energy Conservation at Federal Facilities (May 3, 2001). Directs agencies to take appropriate actions to conserve energy use at their facilities to the maximum extent consistent with the effective discharge of public responsibilities. Agencies located in regions where electricity shortages are possible should conserve especially during periods of peak demand.

Presidential Memorandum, Energy and Fuel Conservation by Federal Agencies (September 26, 2005). Directs Federal agencies to take immediate actions to conserve energy and fuel use throughout Federal facilities and the motor fleet.

Memorandum of Understanding for Federal Leadership in High Performance and Sustainable Buildings (signed January 25, 2006, by the Deputy Secretary of the Interior). It proactively addresses the requirements of EPACT 2005 by requiring all new appropriate buildings constructed or major building retrofits completed after FY 2006 to: employ integrated design principles; optimize energy performance; (3) protect and conserve both indoor and outdoor water; (4) enhance indoor environmental quality; and (5) reduce the environmental impact of materials.

Construction

	2006 Actual	2007 CR	2008			Change from 2007 (+/-)
			Fixed Costs & Related Changes (+/-)	Program Changes (+/-)	2008 Budget Request	
Nationwide Engineering Services ($000)	7,054	7,025	+419	+1	7,445	+420
Bridge and Dam Safety Program and Inspections ($000)	1,271	1,287			1,287	0
National Wildlife Refuge System ($000)	24,314	3,655		+5,691	9,346	+5,691
National Fish Hatchery System ($000)	5,373	4,799		-2,762	2,037	-2,762
Law Enforcement ($000)	3,306	0			0	0
Other ($000)	1,478	500			500	0
User-Pay Cost Share ($000)	2,420	2,456			2,456	0
Total, Construction Appropriation without CR ($000)	**45,216**	**19,722**	**+419**	**+2,930**	**23,071**	**+3,349**
Fire Transfer ($000)	-6,000					
Fire Repayment ($000)		+6,000		-6,000		-6,000
Hurricane Supplemental ($000)	162,400					
Impact of the CR ($000)		+20,034		-20,034		-20,034
Total, Construction Appropriation with CR, Fire and Hurricane Supplemental ($000)	**201,616**	**47,756**	**+419**	**-23,104**	**23,071**	**-22,685**
FTE	***105***	***105***			***105***	***0***

Summary of 2008 Program Changes for Construction

Request Component	Amount	FTE
• Nationwide Engineering Services:	+1	-
• Core Engineering Services	[+11]	-
• Seismic Safety Program	[+20]	-
• Waste Prevention, Recycling and EMS	[-30]	-
• Line-Item Construction	+2,929	-
• Impact of CR	-20,034	-
Total, Program Changes With CR	**-17,104**	**-**

Justification of 2008 Program Changes

The 2008 budget request for Construction program is $23,071,000 and 105 FTE, a net program change of +$2,930,000 and 0 FTE from the FY 2007 President's Budget. The following two items funded via Nationwide Engineering Services -- Environmental Compliance Management and Cost Share -- as well as the Dam Safety Program and Inspections and the Bridge Safety Program and Inspections are unchanged from FY 2007 President's Budget levels.

Increase Nationwide Engineering Services (+$1,000)
Funding of $9,901,000 will maintain the current level of program management and technical services provided to other Service divisions and the public. Changes to Core Engineering Services, Fixed Costs Increase, Seismic Safety Program, and the Waste Prevention, Recycling and Environmental Management System programs are discussed below.

Increase Core Engineering Services [+$11,000]
Funding of $5,806,000 will help offset projected increases in user pay cost share, which totals $2.456,000.

Increase Seismic Safety Program Costs [+$20,000]
Funding of $120,000 will continue implementation of the nationwide Seismic Safety Program, which surveys and assesses the seismic condition of over 5,000 Service buildings located in high and moderate seismic zones. The program increase is necessary to partially offset inflationary increases in consulting service costs.

Decrease Waste Prevention, Recycling and EMS [-$30,000]
Funding in the amount of $100,000 will continue efforts to meet the 40% national waste reduction goal and implement and follow-up on Environmental Management Systems and waste prevention and recycling programs. Although ongoing efforts will continue, reduced funding may slow meeting the national waste reduction and EMS goals.

Increase Line-Item Construction (+$2,929,000)
Line-item construction for National Wildlife Refuge System (NWRS), National Fish Hatchery System (NFHS), and "Other Projects" are included in the Service's FY 2008 – 2012 5-Year Construction Plan. Changes in the plan reflect changes in project priorities throughout the Service due to emergencies resulting from severe storm damage, previously unidentified changes in facility condition, and modifications to annual funding request thresholds, among others.

Impact of 2007 Continuing Resolution (-$20,034,000)
The 2008 budget restores the priorities of the 2007 President's budget by funding 2007 programmed fixed cost increases, eliminating unrequested 2006 congressional earmarks, and implementing the program enhancement and program reduction initiatives included in the 2007 President's budget.

FY 2008 Construction Project Listing by Program

DOI Rank (Score)	Region	Station	State	Project Title/Description	Request ($000)
National Wildlife Refuge System (NWRS)					
1000	6	Crab Orchard NWR	IL	Devil's Kitchen Dam - Phase II [cc]	2,000
650	1	Midway Atoll NWR	HI	Replace fuel farm [p/d cc]	2,346
650	5	Patuxent RR	MD	Water and Sewer Infrastructure	5,000
Subtotal, NWRS					**9,346**
National Fish Hatchery System (NFHS)					
1000	6	Jackson NFH	WY	Seismic Rehabilitation of Two Buildings - Phase IV [cc]	2,037
Subtotal, NFHS					**2,037**
Other Projects					
950	9	Division of Migratory Bird Management	VA	Replacement Survey Aircraft - Phase V	500
Subtotal, Other Projects					**500**
Dam and Bridge Safety					
	9	Servicewide	N/A	Dam Safety Program and Inspections	717
	9	Servicewide	N/A	Bridge Safety Program and Inspections	570
Subtotal, Dam and Bridge Safety					**1,287**
Nationwide Engineering Services(NES)					
	9	Servicewide	N/A	Core Engineering Services	5,806
	9	Servicewide	N/A	Seismic Safety Program	120
	9	Servicewide	N/A	Environmental Compliance Management	1,000
	9	Servicewide	N/A	Waste Prevention, Recycling, and EMS	100
	9	Servicewide	N/A	Cost Share	2,456
	9	Servicewide	N/A	Fixed Costs Increase	419
Subtotal, Nationwide Engineering Services					**9,901**
TOTAL, FY 2008 CONSTRUCTION REQUEST					**23,071**

Notes: p = planning, d = design, c = construction, cc = completion of construction, and i = initiation of a Phase, i.e., ic = initiate construction.

Justification of Fixed Costs and Related Changes

Fixed Cost changes amount to $419,000. These changes are explained in the following table.

	2007 Budget	2007 Revised	2008 Fixed Costs Change
Additional Operational Costs from 2007 and 2008 January Pay Raises			
1. 2007 Pay Raise, 3 Quarters in 2007 Budget	+$162	+$162	NA
Amount of pay raise absorbed (assuming enactment at 2.2%)	*[$69]*	*[$69]*	NA
2. 2007 Pay Raise, 1 Quarter (Assumed 2.2%)	NA	NA	+$51
3. 2008 Pay Raise (Assumed 3.0%)	NA	NA	+$241

These adjustments are for an additional amount needed to fund estimated pay raises for Federal employees.

Line 1 is an update of 2007 budget estimates based upon the currently estimated enacted amount of 2.2% (although, if Congress enacts 2.7%, then the amount absorbed will increase).

Line 2 is the amount needed in 2008 to fund the estimated 2.2% January 2007 pay raise from October through December 2007.

Line 3 is the amount needed in 2008 to fund the estimated 3.0% January 2008 pay raise from January through September 2008.

	2007 Budget	2007 Revised	2008 Fixed Costs Change
Other Fixed Cost Changes			
Two More Pay Days			+$82
This adjustment reflects the increased costs resulting from the fact that there is two more pay days in 2008 than in 2007			
Employer Share of Federal Health Benefit Plans	+$64	+$64	+$36
Amount of health benefits absorbed	*[$24]*	*[$24]*	

The adjustment is for changes in Federal government's share of the cost of health insurance coverage for Federal employees. The increase is estimated at 6%, the average increase for the past few years.

Rental Payments	$0	$0	$9
Amount of rental payments absorbed			

The adjustment is for changes in the costs payable to General Services Administration and others resulting from changes in rates for office and non-office space as estimated by GSA, as well as the rental costs of other currently occupied space. These costs include building security; in the case of GSA space, these are paid to DHS. Costs of mandatory office relocations, i.e., relocations in cases where due to external events there is not alternative but to vacate the currently occupied space, are also included.

Program Overview

The Engineering Program activities support and contribute significantly to all five categories of the DOI's Unified Strategic Plan. Engineering manages the Service's Dam, Bridge, and Seismic Safety Programs, as well as its Environmental Compliance, Waste Prevention, Recycling and Energy Management Programs. These program activities help the Service maintain its current infrastructure, sustain commitments to its primary stakeholders (visitors, neighboring communities, and employees) and improve management practices.

Engineering ensures that both the facility safety programs and construction projects it manages comply with applicable laws and executive orders impacting the design, construction and maintenance of federal facilities. Engineering has stewardship responsibilities associated with operating a vast resource management infrastructure that includes over 190 dams, 725 bridges, and numerous other constructed assets.

The FY 2008 Service construction request is $23.071 million and represents a decrease of $16,685 million compared to the 2007 continuing resolution or an increase of $3.349 million over the FY 2007 President's Budget. The request consists of two distinct types of funding. First, funding in the amount of $11,188,000 (or 48% of the Construction request) is requested for various Engineering programs including: Core Engineering Services, Cost Share (formerly the Cost Allocation Methodology), Fixed Costs Increase, the Dam, Bridge, and Seismic Safety Programs, the Environmental Compliance Program, and Waste Prevention, Recycling and Environmental Management Systems. Second, funding in the amount of $11,883,000 (or 52% of the Construction request) is requested for five line-item construction projects.

Line-item projects represent the highest DOI rankings and greatest alignment with the Department's strategic goals.

Resource Protection: Sustain Biological Communities. Engineering will utilize $3.285 million to further this DOI goal of by continuing to carryout various facility safety programs and replace an aged migratory bird survey aircraft.

Resource Use: Deliver Water Consistent with Applicable State and Federal Law. Approximately $4.236 million would fund activities in support of this DOI goal and includes the project request to complete much-needed repairs to the water and sewer infrastructure at the Patuxent Research Refuge, Maryland.

Recreation. $1.736 million would support this goal for Servicewide programs such as Core Engineering Services for both National Wildlife Refuges and National Fish Hatcheries.

Serving Communities: Protect Lives, Resources, and Property. $9.644 million would support this DOI goal that focuses on critical infrastructure inspection programs, capital improvement and deferred maintenance projects that eliminate or minimize health and safety risks. It represents 42% of the Construction request.

Specific examples include:

- Reduce dam safety risks by completing dam repairs at Leavenworth NFH, Washington, and La Creek NWR, South Dakota, and initiating repairs to Devil's Kitchen Dam at Crab Orchard NWR, Illinois;
- Continue to assess the safety of Service dams through inspections of approximately 40 dams;
- Perform approximately 265 inspections of Service bridges;
- Initiate engineering safety evaluations of dams on newly acquired Service land;
- Complete seismic safety repairs to two buildings at Jackson NFH, Wyoming;
- Procure a migratory bird survey aircraft; and
- Replace the fuel farm at Midway Atoll NWR, Hawaii.

Management Excellence: Accountability. The request also reaffirms the Service's ongoing commitment to management excellence by stressing the efficient management of Engineering's facility safety programs (approximately $4.170 million). These programs are responsible for inspecting and recommending needed repairs to unsafe dams, bridges, seismically deficient buildings, as well as remedies for environmental compliance issues. For instance, Engineering is responsible for surveying and summarizing the risks associated with unexploded ordnance located on Service lands obtained from the Department of Defense. Challenged with limited budgets and dramatic increases in Architect/Engineer (A/E) costs, Engineering will be reassessing its dam and bridge inspection strategies in order to maintain the level of professional service within the tight budget constraints. Engineering will

investigate the use of Risk Assessment, revised inspection frequencies as well as technology improvements to significantly improve efficiencies.

The Service Dam Safety Program is responsible for 193 dams ranging in size from 10 feet to 113 feet in height. Thirty-three Service dams have the potential to cause loss of life from a dam failure, including two large dams that each have over 10,000 lives at risk from a failure. The future efforts and programmatic changes by the Dam Safety Program to improve efficiency will place more emphasis on the dams with the greater risk and less on the low hazard dams that are not expected to have loss of life potential.

The Service will continue to use Core Engineering Services (CES) to fund key personnel to provide Engineering program management and technical assistance. Program management includes strategic management, budgeting, reporting, audit support and related activities. Technical Assistance includes the technical advice provided to field stations on a myriad of questions relating to construction and facility maintenance including: estimating, operations and maintenance of building systems, environmental compliance and remedies, energy efficiency projects, construction techniques and specifications, among others.

From a program management standpoint, much effort has gone into reducing engineering costs without reducing the quality or reliability of constructed assets. Effort has been taken to greatly improve the accuracy of budget-level estimates for construction and deferred maintenance projects and to use standardized designs for recurring projects such as maintenance facilities. Engineering is utilizing three additional strategies to further reduce costs and maximize available funding – value engineering, life-cycle cost analysis and design-build contracting.

- ***Value Engineering.*** Engineering uses Value Engineering on all projects valued at greater than $1 million or technically complex projects greater than $500,000 which have an expected return on investment of 5 to 1 or greater. Value Engineering is a proven system that reviews preliminary engineering designs and identifies ways of reducing construction costs without reducing project reliability or quality. (Value Engineering efforts have resulted in a total savings of $14,865,900 to the Service and its Construction program from FY 1998 through FY 2003.)

- ***Life-Cycle Cost Analysis.*** Life-cycle cost analyses are being incorporated into facility design including building energy efficiency, mechanical systems and other building systems. By examining development costs from a life-cycle perspective, Engineering will deliver high quality projects more cost effectively.

- ***Design-Build.*** Engineering has embraced the design-build concept to deliver facilities more quickly and more economically. This newly approved federal contracting technique will be more widely used throughout the Service to help reduce engineering and architectural design costs thereby leaving more funding available for much-needed facility development and repair.

Sustainability. Engineering will continue to stress energy reduction, sustainability and water reduction goals in all newly constructed assets. Beginning in 2007, all new buildings will be designed to fully comply with the "Federal Leadership in High Performance and Sustainable Buildings" Memorandum of Understanding, which was signed on January 25, 2006.

Environmental Compliance. Engineering will continue to utilize Environmental Compliance Management funding to ensure that Service facilities and activities comply with Federal, State, and local environmental laws and regulations as required by the Federal Facility Compliance Act. Federal managers can receive "Notices of Violation" and may be fined for noncompliance with environmental laws. To avoid this, Engineering provides technical assistance on the following critical areas: greening, Resource Conservation Recovery Act and Superfund clean up activities, compliance policy preparation/revision, and the conduct of training for field staff on the proper handling, storage and clean-up of hazardous materials. Additionally, environmental compliance audits and Environmental Management Systems are used to identify and address potential and existing compliance issues and ensure continual improvement in environmental performance. Engineering routinely audits field stations (over 120 in FY 2006) to identify issues of noncompliance and provide advice on remedies. Potential violations are followed-up to ensure necessary actions are taken. Additionally, Engineering has adopted Environmental Management Systems at appropriate field stations, developing detailed recommendations and strategies that enable environmental considerations to improve overall performance.

Dam Safety, Bridge Safety, Seismic Safety. Dam Safety, Bridge Safety, Seismic Safety Programs and three construction projects contained in this request seek to identify and eliminate health and safety risks to Service staff, visitors, and neighboring communities, as well as reduce liability to the Service. Rehabilitation projects of Service buildings, dams and bridges incorporate Federal and Departmental standards and eliminate risks and liabilities identified through the cyclical dam and bridge inspection program. Engineering, on average, completes 320 bridge inspections and 40 dam inspections each year. Project repairs are selected based on DOI ranking and Department of the Interior Dam Safety Technical Priority ranking. Beginning in FY 2007, Engineering will utilize risk-based assessments to more efficiently manage the Service portfolio of dams in order to prioritize inspections, engineering analysis and repairs.

Program Performance Summary

In 2008, Engineering will:

- Ensure that the dam, bridge and seismic safety and environmental compliance programs, as well as the construction projects it manages comply with applicable laws and executive orders impacting the design, construction and maintenance of federal facilities.
- Design future buildings that meet goals to reduce energy consumption by 30% and water consumption by 20% without sacrificing that building's design, durability or performance goals.

- Use strategies such as value engineering, life-cycle cost analysis, and design-build contracting, among others to maximize use of program funding.
- Continue to provide timely, quality technical advice to field station staffs on a variety of issues including: ways to reduce energy consumption, repair/improve the operations and maintenance of building mechanical systems, answer questions on construction techniques and materials, identify and remove lead-based and other hazards at field stations, station residences and water supplies, inspect and offer recommendations on meeting materials handling, recycling, and green products usage, among others.
- Continue to document and analyze performance and accomplishments annually and share lessons-learned and best practices throughout the engineering organization.
- Produce innovative, efficient and cost effective designs and manage construction projects through project completion so as to obtain customer satisfaction.
- Continue to leverage its construction budget to support the Department's Strategic Goal for Management Excellence. The Service will use NWRS and NFHS maintenance funds to complete small maintenance related construction projects.

2008 Program Performance

The Construction program request consists of the following activities and sub-activities. A detailed description of each, as well as a summary of major 2008 program objectives are discussed below for each Program activity.

Nationwide Engineering Services:
- Core Engineering Services
- Seismic Safety Program Management
- Environmental Compliance Management
- Waste Prevention, Recycling, and Environmental Management Systems (EMS)
- Energy Program Management
- Cost Share
- Fixed Costs Increase

Dam Safety Program and Inspections
Bridge Safety Program and Inspections
Central Hazardous Materials Fund Coordination
Line-Item Construction Projects

Nationwide Engineering Services (NES)

NES is composed of four sub-activities: Core Engineering Services; the Seismic Safety Program; Environmental Compliance Management; and Waste Prevention, Recycling and Environmental Management Systems. Work in these areas is performed by staff assigned to the Division of Engineering (DEN), a component of the Assistant Director – Business Management and Operations' organization, and the Regional Engineering Offices, located at each of the Service's regional offices.

Core Engineering Services (CES)

Engineering program costs are reimbursed through a combination of direct charges against the Construction Appropriation, deferred maintenance, ROADs and other reimbursable projects. These project-specific reimbursements are insufficient to support the Engineering organization as a whole. Service Engineers use a *project-based accounting system* to account for and seek reimbursement for design and construction management services. CES funding supplements project-specific reimbursements to cover staff/office costs that cannot be charged against projects. Such costs include: 1) *management/administration* of the Engineering program in the Regional and Washington

Offices, and 2) annual staff costs required to provide *engineering technical assistance* for which funds are not otherwise available. These two CES components are described in greater detail below.

Management and Administration.

At the Regional level, a portion of CES funds four (4) engineering FTEs in each region: the Regional Engineer, one design professional, one administrative position, and one clerical support position. CES also funds six (6) FTEs in the Division of Engineering, bringing the total to 34 FTEs. Program management activities include strategic management, budgeting, reporting, audit support, managing the Service's Energy Management Program and all other unfunded program management activities.

Engineering Technical Assistance.

The balance of CES funding covers salary/costs associated with fulfilling requests from the field and Regional offices for technical engineering assistance which is of a general nature or otherwise unrelated to a funded project. Regional Engineering offices are continually asked to provide this non project-reimbursable assistance. Examples include providing: site planning, conceptual designs and cost estimates for out-year projects; specifications for maintenance/operational procurements; estimates for facility/equipment repair; advice on methods of construction and operational maintenance; assistance with emergency force account repair projects; and review, revision, and approval of force account designs for maintenance and small construction projects. This portion of CES is distributed to the Regional Engineering Offices based on each region's pro-rata share of the Service's total real property replacement value, excluding heavy or other equipment. This allocation assumes a correlation between the amount of real property assets in each Region and the number of requests for technical assistance. As the DEN role is primarily national program management, DEN does not receive a proportionate share of technical assistance CES funding. CES therefore ensures that qualified engineering staff is available to provide this critical engineering, construction, and maintenance assistance.

Seismic Safety.

The Earthquake Hazards Reductions Act of 1977 is intended to reduce risk to life and property from future earthquakes in the United States through the establishment of an effective earthquake hazards reduction program. Executive Order 12699, Seismic Safety of Federal and Federally Assisted or Regulated New Buildings Construction, covers the new construction portion of the Act. Executive Order 12941 covers existing buildings and requires Federal agencies to inventory buildings and estimate the cost of mitigating unacceptable seismic risks. The Service has more than 5,000 buildings located in high and moderate seismic zones. Seismic Safety Program funds are for implementation and oversight of the nationwide Seismic Safety Program only. Funding to complete seismic structural repairs is requested separately as individual line-item construction projects. Seismic Safety Program activities support DOI strategic goal 4.1 (Protect Lives and Property).

2008 Seismic Program Objectives.

- Manage the Service's Seismic Safety Program to include policy formulation and application;
- Assist the Regional Engineering Offices with the performance of seismic evaluations for high risk buildings located in *moderate* seismic zones;
- Maintain the Seismic Safety Database to include up-to-date information on building inventory and evaluation findings;
- Coordinate corrective actions necessary to complete open findings on Service-owned and leased buildings; and
- Develop implementation plans and budget requests to complete seismic structural repairs for exceptionally high risk buildings located in *high* seismic zones. As the number of buildings needing seismic evaluation decreases, the DEN will utilize any programmatic savings to fund

seismic structural repair projects of exceptionally high risk structures in *moderate* seismic zones.

Environmental Compliance Management.

The DEN ensures that Service facilities and activities comply with new and existing Federal, State, and local environmental laws and regulations as required by the Federal Facility Compliance Act. Federal managers can receive "Notices of Violation" and may be fined for noncompliance with environmental laws. In addition, irresponsible Federal employees can be criminally charged for violation of environmental laws. The DEN also provides technical assistance for Resource Conservation and Recovery Act and Superfund cleanups, compliance policy, training, compliance audits, Environmental Management Systems (EMS's), and environmental compliance technical assistance to Regional Offices and field stations. Environmental Compliance Management activities support the DOI strategic goals: 1.2 (Resource Protection – sustain biological communities on DOI managed and influenced lands and waters) and 4.1 (Protect Lives, Resources, and Property).

2008 Environmental Compliance Management Program Objectives.

- Conduct, on a reduced basis, environmental compliance audits at Service facilities;
- Provide Quality Assurance/Quality Control (QA/QC) of Regional auditing programs to ensure quality and consistency of environmental audits;
- Continue management, monitoring and maintenance of the EMS program at field stations;
- Continue contaminated site inventory, lead-based paint, and Spill Prevention, Control, and Countermeasure (SPCC) programs on a limited basis;
- Update environmental policy; and
- Provide environmental compliance management technical assistance to Regions.

Waste, Prevention, Recycling, and Environmental Management Systems.

Funding is used to implement and manage the "Greening the Government" program outlined in the Department of the Interior's Strategic Plan and carry out associated waste prevention, recycling, and other actions outlined in the Department's Action Plan. These Activities support the DOI strategic goal 1.2 (Resource Protection – sustaining biological communities on DOI managed and influence lands and water).

2008 Waste, Prevention, Recycling, and Environmental Management Systems Program Objectives.

The Service will continue to improve Environmental Management Systems implementation at appropriate facilities. The Service will reduce waste by-products and increase the recycled content of materials used by the Service in accordance with the opportunities identified in FY 2007.

Energy Management Program.

Service engineers provide the Department of the Interior and the Department of Energy with an annual report documenting the Service's progress in reducing energy, fuel, and water consumption. Service engineers provide technical advice to regional and field staffs on ways to reduce energy consumption, take advantage of renewable energy sources, test appropriate building designs to ensure and certify that they are energy efficient, and identify high return-on-investment energy efficiency projects that may be funded either under the Resource Management or the Construction Appropriation. The Service relies on CES funding to manage this National program. In FY 2006, the Service implemented energy efficiency projects at 98 field stations at a total cost of $2.895 million, including seven solar photovoltaic systems and two geothermal heat pump projects.

2008 Energy Management Program Objectives.

The Service will save energy through implementation of energy efficiency projects in accordance with objectives established for FY 2007. Best-proven sustainable technologies and concepts from all sources through partnerships and outreach for energy efficiency, water conservation, and renewable energy will be emphasized. However, in FY 2008, the Service estimates that it will allocate only $84,000 in direct spending on energy efficiency (OMB Circular A-11, Exhibit 55).

Dam Safety Program and Inspections.

In support of DOI Objective 4.1 (Protect Lives and Property), Federal guidelines require existing dams to be maintained at safe operating levels. During FY 2008, the Service will continue its Dam Safety program which includes periodic Safety Evaluation of Existing Dams (SEED) inspections. SEED inspections include performing, reviewing and validating hazard classifications, an estimate of the population at risk and economic loss in the event of a dam failure. Additionally, dams receive a Department of the Interior Dam Safety Program Technical Priority Ranking, which qualifies the condition and risk of dam failure. The Service uses the Technical Priority Ranking, the hazard classification, and the overall condition of the dam to identify the need and priority for dam safety repair and rehabilitation projects.

2008 Dam Safety Program Objectives.

- Complete 40 SEED dam inspections;
- Complete Emergency Action Plan (EAP) periodic tests at four Service high and significant hazard dams;
- Continue automation of dam inspection reports, the dam safety database, and review of dam monitoring data;
- Complete the repairs to the Little White River Dam, LaCreek NWR, South Dakota;
- Complete construction of repairs to Nada Dam, Leavenworth NFH, Washington;
- Complete Emergency Action Plans for four high and significant hazard dams within the Rocky Mountain Arsenal NWR, Colorado; and
- Complete the repairs to Devil's Kitchen Dam at Crab Orchard NWR, Illinois.

Bridge Safety Program and Inspections

In support of Departmental objective 4.1 (Protect Lives and Property), federal guidelines require that bridges on public highways and roads be cyclically inspected and maintained.

2008 Bridge Safety Program Objectives.

Complete approximately 265 bridge inspections; and upgrade the Service's bridge inventory database.

Central Hazardous Materials Fund

Funds to support projects at or beyond the Remedial Investigation/Feasibility Study (RI/FS) phase are requested through the Central Hazardous Materials (HazMat) Fund, which is administered by the Department of the Interior, Office of Environmental Safety and Compliance. These funds are requested and distributed by the Division of Engineering. Central HazMat funding supports DOI Strategic Goal 4.1 (Protect Lives, Resources, and Property).

2008 Central Hazardous Materials Fund Program Objectives.

- Continue monitoring completed cleanup efforts at Sachuest Point NWR, Rhode Island;
- Continue monitoring of completed cleanup efforts at Great Swamp NWR, New Jersey;

- Oversight of EPA's RI/FS and initial clean up activities at the Rolling Knolls Landfill Superfund Site at the Great Swamp NWR, New Jersey (removal of heavy metals, phthalates, PCB's, pesticides, VOC's, and possible pharmaceutical wastes and mercury);
- Continue oversight efforts Folcroft Landfill at John Heinz NWR, Pennsylvania;
- Continue remedial actions at Crab Orchard NWR, Illinois; and
- Continue support for remediation of Vieques NWR and Culebra NWR, Puerto Rico.

Line Item Construction Projects

In FY 2008, the Service requests a total of $11,883,000 to implement the following five line-item construction projects: $2,000,000 to complete dam safety-related repairs to Devil's Kitchen Dam at Crab Orchard NWR, Illinois; $500,000 to continue funding for the migratory bird survey aircraft replacement program; $2,346,000 to replace the fuel farm at Midway Atoll NWR, Hawaii; $5,000,000 to initiate repairs to water and sewer infrastructure at Patuxent Research Refuge, Maryland; and $2,037,000 to complete seismic rehabilitation of two buildings at Jackson NFH, Wyoming.

The 5-Year Construction Plan directs funding to the Service's most critical health, safety, and resource protection needs. This plan complies with the Federal Accounting Standards Advisory Board (FASAB) Number 6 on deferred maintenance reporting. Project selection is based on each project's alignment with the Department's Strategic Goals and Service Objectives, condition assessments of existing facilities and subsequent ranking of FCI and DOI Rank.

Line item construction projects are summarized in the following table:

FY 2008 Project Data Sheet Summary					
Total Score	**Region**	**Unit Name**	**State**	**Project Title/Description**	**Cost ($000s)**
	9	Servicewide		Core Engineering Services	5,806
	9	Servicewide		Cost Share	2,456
	9	Servicewide		Fixed Costs Increase	419
	9	Servicewide		Seismic Safety Program	120
	9	Servicewide		Environmental Compliance Management	1,000
	9	Servicewide		Waste Prevention, Recycling, and Environmental Management Systems	100
	9	Servicewide		Dam Safety Program and Inspections	717
	9	Servicewide		Bridge Safety Program and Inspections	570
1000	3	Crab Orchard NWR	IL	Devil's Kitchen Dam – Phase II [cc]	2,000
1000	6	Jackson NFH	WY	Seismic Rehabilitation of Two Buildings – Phase IV [cc]	2,037
950	9	Division of Migratory Bird Management	VA	Replacement Survey Aircraft – Phase V	500
650	1	Midway Atoll NWR	HI	Replace fuel farm {p/d cc]	2,346
650	5	Patuxent RR	MD	Water and Sewer Infrastructure	5,000
Total, FY 2008 Construction Projects					**23,071**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2008-2012
Summary Project Data Sheet

2/7/2007

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHScI	CRPdm	CRPcI	Energy	CMdm	C/Odm	OCI	Cost ($000)
FY 2008														
	9	Division of Engineering			Core Engineering Services									5,806
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Cost Share									2,456
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Fixed Costs Increase									419
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Seismic Safety Program									120
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Environmental Compliance Management									1,000
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Waste Prevention, Recycling, and Environmental Management Systems									100
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Dam Safety Program and Inspections									717
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering			Bridge Safety Program and Inspections									570
		FCI N/A	FCIProjected N/A		API N/A									
1000	3	Crab Orchard NWR	IL	12	Devil's Kitchen Dam - Phase II [cc]	100								2,000
		FCI .130	FCIProjected 0.0		API N/A									
1000	6	Jackson NFH	WY	01	Seismic Rehabilitation of Two Buildings - Phase IV [cc]	100								2,037
		FCI 1.534	FCIProjected 0.0		API N/A									
950	9	Division of Migratory Bird Management			Replacement Survey Aircraft - Phase V	50	50							500
		FCI .25	FCIProjected 0.0		API N/A									
675	1	Midway Atoll NWR	UM	99	Replace Fuel Farm [p/d/cc]	25		50			25			2,346
		FCI N/A	FCIProjected N/A		API N/A									
650	5	Patuxent Research Refuge	MD	03	Water and Sewer Infrastructure	50					50			5,000
		FCI	FCIProjected		API									
												FY 2008 Total Cost		**23,071**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2008-2012
Summary Project Data Sheet

2/7/2007

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHScI	CRPdm	CRPcI	Energy	CMdm	C/Odm	OCI	Cost ($000)
FY 2009														
	9	Division of Engineering	CO		Core Engineering Services									5,795
		FCI N/A **FCIProjected** N/A **API** N/A												
	9	Division of Engineering	CO		Cost Share									2,944
		FCI N/A **FCIProjected** N/A **API** N/A												
	9	Division of Engineering	CO		Seismic Safety Program									120
		FCI N/A **FCIProjected** N/A **API** N/A												
	9	Division of Engineering	CO		Environmental Compliance Management									1,000
		FCI N/A **FCIProjected** N/A **API** N/A												
	9	Division of Engineering	CO		Waste Prevention, Recycling, and Environmental Management Systems									100
		FCI N/A **FCIProjected** N/A **API** N/A												
	9	Division of Engineering	CO		Dam Safety Program and Inspections									717
		FCI N/A **FCIProjected** N/A **API** N/A												
	9	Division of Engineering	CO		Bridge Safety Program and Inspections									570
		FCI N/A **FCIProjected** N/A **API** N/A												
1000	6	Bozeman Fish Technology Center	MT	01	Seismic Safety Rehabilitation of Three Buildings - Phase II [cc]	100								850
		FCI **FCIProjected** **API** N/A												
950	9	Division of Migratory Bird Management	VA		Replacement Survey Aircraft - Phase VI	50	50							1,562
		FCI .25 **FCIProjected** 0.0 **API** N/A												
680	5	Green Lake NFH	ME	02	Wastewater Treatment Compliance - Phase II [ic]	20				80				3,728
		FCI New **FCIProjected** 0.0 **API** N/A												
650	9	Division of Engineering	VA		NWRS Visitor Enhancement Projects			50		50				910
		FCI New **FCIProjected** 0.0 **API** N/A												
100	9	Division of Engineering	CO		Top Twenty Visitor Centers								100	1,904
		FCI New **FCIProjected** 0.0 **API** N/A												
													FY 2009 Total Cost	**20,200**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2008-2012
Summary Project Data Sheet

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DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHScI	CRPdm	CRPcI	Energy	CMdm	C/Odm	OCI	Cost ($000)
FY 2010														
	9	Division of Engineering	CO		Core Engineering Services									5,795
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Cost Share									2,944
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Seismic Safety Program									120
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Environmental Compliance Management									1,000
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Waste Prevention, Recycling, and Environmental Management Systems									100
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Dam Safety Program and Inspections									717
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Bridge Safety Program and Inspections									570
		FCI N/A FCIProjected N/A API N/A												
1000	2	Wichita Mountains Wildlife Refuge	OK	04	Lake Rush Dam Rehabilitation - Phase II [cc]	100								4,100
		FCI .439 FCIProjected 0.0 API N/A												
1000	1	Leavenworth NFH	WA	04	Nada Dam, Upper Snow Dam, and Lower Snow Dam - Phase III [ic]	100								1,243
		FCI .47500 FCIProjected 0.0 API N/A												
950	9	Division of Migratory Bird Management	VA		Replacement Survey Aircraft - Phase VII	50	50							892
		FCI .25 FCIProjected 0.0 API N/A												
680	5	Green Lake NFH	ME	02	Wastewater Treatment Compliance - Phase III [c]	20				80				2,719
		FCI New FCIProjected 0.0 API N/A												
													FY 2010 Total Cost	**20,200**

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2/7/2007

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHScI	CRPdm	CRPcI	Energy	CMdm	C/Odm	OCI	Cost ($000)
FY 2011														
	9	Division of Engineering	CO		Core Engineering Services									5,795
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Cost Share									2,944
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Seismic Safety Program									120
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Environmental Compliance Management									1,000
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Waste Prevention, Recycling, and Environmental Management Systems									100
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Dam Safety Program and Inspections									717
		FCI N/A FCIProjected N/A API N/A												
	9	Division of Engineering	CO		Bridge Safety Program and Inspections									570
		FCI N/A FCIProjected N/A API N/A												
1000	1	Leavenworth NFH	WA	04	Nada Dam, Upper Snow Dam, and Lower Snow Dam - Phase IV [cc]	100								1,047
		FCI .475 FCIProjected 0.0 API N/A												
950	9	Division of Migratory Bird Management	VA		Replacement Survey Aircraft - Phase VIII	50	50							1,616
		FCI .25 FCIProjected 0.0 API N/A												
730	3	Pendills Creek NFH	MI	01	Rehabilitate Water Systems [p/d/cc]	10		90						1,900
		FCI New FCIProjected 0.0 API N/A												
680	5	Green Lake NFH	ME	02	Wastewater Treatment Compliance - Phase IV [cc]	20			80					1,932
		FCI New FCIProjected 0.0 API N/A												
650	9	Division of Engineering	VA		NWRS Visitor Enhancement Projects			50	50					1,457
		FCI New FCIProjected 0.0 API N/A												
100	9	Division of Engineering	CO		Top Twenty Visitor Centers								100	1,002
		FCI New FCIProjected 0.0 API N/A												
												FY 2011 Total Cost		**20,200**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2008-2012
Summary Project Data Sheet

2/7/2007

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHSci	CRPdm	CRPci	Energy	CMdm	C/Odm	OCI	Cost ($000)
FY 2012														
	9	Division of Engineering	CO		Core Engineering Services									5,795
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering	CO		Cost Share									2,944
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering	CO		Seismic Safety Program									120
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering	CO		Environmental Compliance Management									1,000
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering	CO		Waste Prevention, Recycling, and Environmental Management Systems									100
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering	CO		Dam Safety Program and Inspections									717
		FCI N/A	FCIProjected N/A		API N/A									
	9	Division of Engineering	CO		Bridge Safety Program and Inspections									570
		FCI N/A	FCIProjected N/A		API N/A									
1000	9	Division of Engineering	CO		Security Improvements at High and Significant Hazard Dams - Phase III [p/d]	100								500
		FCI N/A	FCIProjected 0.0		API N/A									
	9	Division of Engineering	CO		Initial Inspections of Recently Acquired Dams - Phase III									200
		FCI N/A	FCIProjected N/A		API N/A									
1000	3	Big Oaks NWR	IN	09	Old Timbers Lake Dam Rehabilitation - Phase II [ic]	100								500
		FCI .25	FCIProjected 0.0		API N/A									
950	9	Division of Migratory Bird Management	VA		Replacement Survey Aircraft - Phase IX	50	50							2,500
		FCI .25	FCIProjected 0.0		API N/A									
850	1	Eagle Creek NFH	OR	03	Rehabilitate Water Management System - Phase I [p/d]	50		50						1,300
		FCI	FCIProjected		API N/A									
650	3	Jordan River NFH	MI	01	Replace Deteriorated Raceways (Series 9-10 and 57-58) [p]			50	50					300
		FCI	FCIProjected		API N/A									
650	9	Division of Engineering	VA		NWRS Visitor Enhancement Projects			50	50					1,654
		FCI New	FCIProjected 0.0		API N/A									
100	9	Division of Engineering	CO		Top Twenty Visitor Centers								100	2,000
		FCI New	FCIProjected 0.0		API N/A									
												FY 2012 Total Cost		**20,200**
												TotalCost		**103,871**

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Core Engineering Services		
SAMMS WO: 2012218	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

Core Engineering Services (the FY 2006 Appropriation entitled it "Other, Non-project Specific Nationwide Engineering Services") provides non-project specific engineering management and technical support services to program, regional, and field station staffs. These support services ensure that Service facilities are constructed and maintained to meet mission requirements. Additionally, these services facilitate compliance with numerous laws, regulations, and codes which affect the ability of field stations to operate safely and efficiently. These services include:
(1) overall management of the Service's engineering program;
(2) development of construction and rehabilitation-related policies and guidelines;

Project Need/Benefit:

(3) Preparation of pre-design cost estimates (capital improvement and deferred maintenance);
(4) Development of conceptual facility and land use plans; and
(5) Value engineering support and guidance.
In addition to managing the Service's construction and maintenance program, the Engineering staffs in the headquarters office and regions provide technical leadership in the areas of energy management, hazardous materials management and mitigation, environmental compliance, and compliance with other Federal regulations and codes.

Core Engineering Services ensures that all of the Department's goals and objectives for Resource Protection, Resource Use, Recreation, Serving Communities, and Improved Management Practices are supported optimally.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____ % Critical Health or Safety Deferred Maintenance	____ % Energy, High Perf. Sustain. Bldg.
____ % Critical Health or Safety Capital Improvement	____ % Critical Mission Deferred Maintenance
____ % Critical Resource Protection Deferred Maintenance	____ % Compliance & Other Deferred Maintenance
____ % Critical Resource Protection Capital Improvement	____ % Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	$'s	%	**Project Funding History (Entire Project):**	
Deferred Maintenance Work:	$0		Appropriated to Date:	$0
Capital Improvement Work:	$0		Requested in FY 2007 Budget:	$0
Total Cost Estimate:	$0		Planned Funding FY 2008	$5,806,000
Class of Estimate: ○A ◉B ○C ○D			Future Funding to Complete Project:	$0
Estimate Good Until (mm/yy):	10/08		Private Contributions:	$0
			Total:	$5,806,000

Dates: (qtr/yy):	Sch'd	Project Data Sheet Prepared/Last Updated	DOI Approved:
Construction Start/Award :	10/1/2007	1/9/07	Yes
Project Complete:	9/30/2008		

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Cost Share		
SAMMS WO: 2012218	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

Cost Share funding addresses general business operation costs associated with the Construction account.

Project Need/Benefit:

The Service has implemented user pay cost sharing to ensure that general administrative costs are allocated consistently to all appropriations and activities of the Service. This methodology is based on the basis that each appropriation and program pays the full cost of its activities. General operating costs and fixed operating costs are allocated based on actual costs incurred or on a cost per FTE basis. Servicewide operations support includes GSA rent, national telecommunications, financial operations, aviation safety, worker's compensation, unemployment compensation, the Departmental Working Capital Fund, Washington Office facility operations, postage, printing, and other national or departmental initiatives, and other elements that are centrally billed or managed.

In FY 2002, the House mandated that no administrative or other assessment may be levied against individual projects.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____ % Critical Health or Safety Deferred Maintenance	____ % Energy, High Perf. Sustain. Bldg.
____ % Critical Health or Safety Capital Improvement	____ % Critical Mission Deferred Maintenance
____ % Critical Resource Protection Deferred Maintenance	____ % Compliance & Other Deferred Maintenance
____ % Critical Resource Protection Capital Improvement	____ % Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	$'s	%
Deferred Maintenance Work:	$0	
Capital Improvement Work:	$0	
Total Cost Estimate:	$0	

Class of Estimate: ◉ A ○ B ○ C ○ D

Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	$0
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$2,456,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$2,456,000

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated: 2/1/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Fixed Costs Increase		
SAMMS WO: 2015696	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

Funding will offset projected increases in pay, rental, and health care fixed costs.

Project Need/Benefit:

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____ % Critical Health or Safety Deferred Maintenance	____ % Energy, High Perf. Sustain. Bldg.
____ % Critical Health or Safety Capital Improvement	____ % Critical Mission Deferred Maintenance
____ % Critical Resource Protection Deferred Maintenance	____ % Compliance & Other Deferred Maintenance
____ % Critical Resource Protection Capital Improvement	____ % Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**
Deferred Maintenance Work:	$0	
Capital Improvement Work:	$0	
Total Cost Estimate:	$0	

Class of Estimate: ○A ○B ○C ◉D

Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	$0
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$419,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$419,000

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated: 1/9/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Seismic Safety Program		
SAMMS WO: 2012219	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

This project includes continued seismic screening/evaluations and project planning for existing Service-owned buildings and Service-seismic mitigation projects. Additionally, funds will be used to provide management of the Service's Seismic Safety program and to enable the Service to continue support for the Department-wide Seismic Safety Program. Specifically, the Service will continue to identify seismic deficiencies on high seismic risk buildings by performing seismic evaluation studies. In addition, rehabilitation priority rankings for high risk buildings will be accomplished and the Service's inventory database of more than 5,000 buildings will be updated.

Project Need/Benefit:

This project supports the Department Strategic goal 4.1, Protect Lives, Resources, and Property. Additionally, the project enables the Service to comply with the "Earthquake Hazards Reduction Act of 1977" (Public Law 95-124, as amended) was enacted by Congress to reduce risk to life and property from earthquakes in the United States through the establishment of an effective earthquake hazards reduction program. Executive Order 12941 addresses seismic safety of buildings and requires Federal Agencies to inventory, screen, evaluate, estimate the costs of mitigating unacceptable risks in those buildings, and to mitigate high seismic risks. The goal of the Seismic Safety Program is to identify and mitigate buildings that have structural deficiencies posing threats to life safety.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____% Critical Health or Safety Deferred Maintenance	____% Energy, High Perf. Sustain. Bldg.
____% Critical Health or Safety Capital Improvement	____% Critical Mission Deferred Maintenance
____% Critical Resource Protection Deferred Maintenance	____% Compliance & Other Deferred Maintenance
____% Critical Resource Protection Capital Improvement	____% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**
Deferred Maintenance Work:	$0	
Capital Improvement Work:	$0	
Total Cost Estimate:	$0	

Project Funding History (Entire Project):	
Appropriated to Date:	$0
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$120,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$120,000

Class of Estimate: ○A ◉B ○C ○D

Estimate Good Until (mm/yy): 10/08

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated: 1/9/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Environmental Compliance Management		
SAMMS WO: 2012219	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

This project includes national management and coordination of the Service's environmental compliance program, which could include the following activities:
(1) Prepare environmental compliance audits and implement corrective actions;
(2) Provide environmental compliance technical assistance and training to the Regions;
(3) Support the Environmental Management System (EMS) Program;
(4) Prepare Spill Prevention, Control, and Countermeasures (SPCC) Plans;
(5) Provide technical assistance for RCRA and Superfund cleanups; and
(6) Provide lead-based paint inspections/risk assessments/abatements on Service properties

Project Need/Benefit:

This project supports the Department's strategic goals 1.2 for Resource Protection and 4.1, Protect Lives, Resources, and Property.

The Division of Engineering ensures that Service facilities and activities comply with Federal, State, and local environmental laws and regulations, as required by the Federal Facility Compliance Act. Federal managers can receive "Notices of Violation" and may be fined for noncompliance with environmental laws. In addition, irresponsible Federal employees can be criminally charged for violation of environmental laws. Potentially contaminated lands are identified for investigation and cleanup to address findings of GAO Audit Report RCED 94-3 regarding non-pursuit of unknown Superfund sites.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____% Critical Health or Safety Deferred Maintenance	____% Energy, High Perf. Sustain. Bldg.
____% Critical Health or Safety Capital Improvement	____% Critical Mission Deferred Maintenance
____% Critical Resource Protection Deferred Maintenance	____% Compliance & Other Deferred Maintenance
____% Critical Resource Protection Capital Improvement	____% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**
Deferred Maintenance Work:	$0	
Capital Improvement Work:	$0	
Total Cost Estimate:	$0	

Class of Estimate: ○ A ◉ B ○ C ○ D
Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	$0
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$1,000,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$1,000,000

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated	DOI Approved:
1/9/07	Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Waste Prevention, Recycling, and Environmental Management Systems		
SAMMS WO: 2012219	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

Funding will enable the Service to implement and manage the Greening the Government program outlined in the Department's Strategic Plan, as well as carry out the associated actions outlined in the Department's Action Plan. The Service must divert solid waste from disposal in landfills through recycling at the rate of 45% by 2005 and 50% by 2010. The EMS will require an evaluation of existing environmental systems and the implementation of Environmental Management Plans at Regional Offices and field facilities.

Project Need/Benefit:

This project supports the Department's strategic goal 1.2 for Resource Protection. Additionally, this project further enables the Service to comply with the Solid Waste Disposal Act, Public Law 89-272, 79 Stat 997, as amended by the Resource Conservation and Recovery Act which mandates waste prevention, recycling, and federal acquisition of environmentally preferable "green" products and services. The Department of the Interior's Strategic and Action Plans outline goals, strategies, and actions to satisfy these requirements. Efforts involve implementing the Strategic and Action Plans, preparing pollution prevention plans, and ensuring "green" purchasing procedures are incorporated within all Service facility purchasing plans. Executive Order 13148 requires the Service to implement a self-sustaining EMS over a 5-year period at Service facilities. The EMS is a continuous process that focuses on accountability and measured goals.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____% Critical Health or Safety Deferred Maintenance	____% Energy, High Perf. Sustain. Bldg.
____% Critical Health or Safety Capital Improvement	____% Critical Mission Deferred Maintenance
____% Critical Resource Protection Deferred Maintenance	____% Compliance & Other Deferred Maintenance
____% Critical Resource Protection Capital Improvement	____% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**
Deferred Maintenance Work:	$0	
Capital Improvement Work:	$0	
Total Cost Estimate:	$0	

Class of Estimate: ○ A ◉ B ○ C ○ D

Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	$0
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$100,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$100,000

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated: 1/9/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Dam Safety Program and Inspections		
SAMMS WO: 2012219	Unit/Facility Name: Division of Engineering	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

Safety inspections and evaluations of High, Significant, and Low Hazard dams and Dam Safety Program Management. Specifically, the Service plans to complete approximately 40 Safety Evaluation of Existing Dams (SEED) inspections in this fiscal year.

Project Need/Benefit:

This project supports the Department's Strategic Goal 4.1, Protect Lives, Resources, and Property. Additionally, the project enables the Service to meet the requirements of DOI Secretarial Order No. 3048, the President's memorandum of October 4, 1979, and the Federal Guidelines for Dam Safety (June 25, 1979). The Service must maintain a Dam Safety program and periodically inspect dams on Service-owned lands. The Service currently has approximately 193 dams in inventory.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____% Critical Health or Safety Deferred Maintenance	____% Energy, High Perf. Sustain. Bldg.
____% Critical Health or Safety Capital Improvement	____% Critical Mission Deferred Maintenance
____% Critical Resource Protection Deferred Maintenance	____% Compliance & Other Deferred Maintenance
____% Critical Resource Protection Capital Improvement	____% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**	**Project Funding History (Entire Project):**	
Deferred Maintenance Work:	$0		Appropriated to Date:	$0
Capital Improvement Work:	$0		Requested in FY 2007 Budget:	$0
Total Cost Estimate:	$0		Planned Funding FY 2008	$717,000
Class of Estimate: ○A ◉B ○C ○D			Future Funding to Complete Project:	$0
Estimate Good Until (mm/yy):	10/08		Private Contributions:	$0
			Total:	$717,000
Dates: (qtr/yy):	Sch'd			
Construction Start/Award :	10/1/2007			
Project Complete:	9/30/2008			

Project Data Sheet Prepared/Last Updated	DOI Approved:
1/9/07	Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Bridge Safety Program and Inspections			
SAMMS WO: 2012219	Unit/Facility Name: Division of Engineering		
Region/Area/District: Region 9		Congressional District:	State:

Project Justification

DOI Asset Code: **RPI #** **FCI-before:** N/A **FCI-Projected:** N/A **API:** N/A

Project Description:

On average, this project includes the reinspection of approximately 320 bridges annually, including structural analysis (verification of previous load capacities), identification of unsafe conditions, and the identification of maintenance, rehabilitation, or reconstruction needs. Bridges acquired or constructed since the previous inspections will also be inspected. Funds will also be used to provide national management, administration and technical supervision of the program.

Project Need/Benefit:

This project supports the Department's Strategic Goal 4.1, Protect Lives, Resources, and Property. The project also enables the Service to comply with the Federal Highway Administration, under authority and regulation of 23 U.S.C. 144 and 151 as outlined in CFR 650, which requires that bridges on public highways be inspected. The Service owns approximately 700 bridges which serve essential administrative functions or provide primary public access. In FY 1996, the Service initiated a reinspection cycle to ensure that bridges remain in a safe operating condition and are capable of carrying loads within design limits. Approximately 90% of the bridges are reinspected every two years, and the remainder every four years.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

____% Critical Health or Safety Deferred Maintenance	____% Energy, High Perf. Sustain. Bldg.
____% Critical Health or Safety Capital Improvement	____% Critical Mission Deferred Maintenance
____% Critical Resource Protection Deferred Maintenance	____% Compliance & Other Deferred Maintenance
____% Critical Resource Protection Capital Improvement	____% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No — Total Project Score:

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**
Deferred Maintenance Work:	$0	
Capital Improvement Work:	$0	
Total Cost Estimate:	$0	

Class of Estimate: ○A ◉B ○C ○D

Estimate Good Until (mm/yy): 10/08

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Funding History (Entire Project):	
Appropriated to Date:	$0
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$570,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$570,000

Project Data Sheet Prepared/Last Updated	DOI Approved:
1/9/07	Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
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U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	1000
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Devil's Kitchen Dam - Phase II [cc]		
SAMMS WO: 117142	Unit/Facility Name: Crab Orchard NWR	
Region/Area/District: Region 3	Congressional District: 12	State: IL

Project Justification

DOI Asset Code: 40160340 **RPI #** 377 **FCI-before:** .130 **FCI-Projected:** 0.0 **API:** N/A

Project Description:

Construction phase of a project to bring Devil's Kitchen Dam into compliance with Federal, Department and Service requirements for dam safety. The project will correct vibration problems associated with the outlet works and resolve the migration of sand which is being deposited in the right drainage gallery. Repairs to the drainage system may be required. Monitoring and evaluation instrumentation and borings must be designed and constructed to evaluate and track foundation conditions. In addition, the project will include repairs of the emergency fuse plug spillway.

Project Need/Benefit:

This projects supports Department strategic goal, 4.1 (Protect Lives, Resources, and Property). Devil's Kitchen Dam is a 120 foot high, 670 foot long concrete gravity and concrete core embankment dam located on Crab Orchard NWR. A formal Safety Evaluation of Existing Dams (SEED) inspection and evaluation report completed in October 2002 revealed the condition of the dam is "conditionally poor" and is not in compliance with Federal, Department and Service standards. This is primarily based on the abnormal periodic appearance of sand in the right gallery (the gallery contains the dam foundation drainage outlets) and deteriorated outlet works, which indicates a likelihood that the dam's internal condition and foundation is deteriorating. Devil's Kitchen Dam is currently has been identified as a Significant Hazard dam. However, it has the potential for loss of up to 10 lives and appreciable property damage in the event of dam failure and will likely be reclassified. The Department of the Interior Dam Safety Program, Technical Priority Rating, dated March 23, 2006, for Devil's Kitchen Dam is 193 out of 457.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

100 % Critical Health or Safety Deferred Maintenance	____ % Energy, High Perf. Sustain. Bldg.
____ % Critical Health or Safety Capital Improvement	____ % Critical Mission Deferred Maintenance
____ % Critical Resource Protection Deferred Maintenance	____ % Compliance & Other Deferred Maintenance
____ % Critical Resource Protection Capital Improvement	____ % Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No — Total Project Score: 1000

Project Costs and Status

Project Cost Estimate (This PDS):	$'s	%
Deferred Maintenance Work:	$2,000,000	100
Capital Improvement Work:	$0	
Total Cost Estimate:	$2,000,000	100

Project Funding History (Entire Project):	
Appropriated to Date:	$496,770
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$2,000,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$2,496,770

Class of Estimate: ◉A ○B ○C ○D

Estimate Good Until (mm/yy): 10/08

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2009

Project Data Sheet Prepared/Last Updated: 1/9/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
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U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	1000
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Seismic Rehabilitation of Two Buildings - Phase IV [cc]		
SAMMS WO: 2013393	Unit/Facility Name: Jackson NFH	
Region/Area/District: Region 6	Congressional District: 01	State: WY

Project Justification

DOI Asset Code: 30500100 **RPI #** 1 **FCI-before:** 1.534 **FCI-Projected:** 0.0 **API:** N/A

Project Description:

This project would replace the main fish production building and the laboratory/storage building, totaling 14,330 sq. ft.. Both structures were classified as Exceptionally High Risk (EHR) buildings during seismic evaluation studies. Deficiencies are safety risks to Service employees as the hatchery is located in a high seismic zone. The National Seismic Coordinator rates this as the Service's highest priority seismic-safety project. Title I was completed in fall 2003. During initial seismic rehabilitation design work, both buildings were found to have under designed roof structures that could collapse under a design snow load. The R6 Safety Office has limited the field station workers' occupancy due to the snow load risks in both existing buildings, and the fish production building has been forced to close its doors to the visiting public.

Project Need/Benefit:

This project supports the Department's Strategic Goal 4.1 (Protect Lives and Property). Additionally, the project also enables the Service to comply with Executive Order 12941 which requires the Service to mitigate buildings with unacceptable seismic risks found in existing buildings, and the "Earthquake Hazards Reduction Act of 1977" (P.L. 95-124, as amended) mandates establishment of an effective earthquake hazards reduction program.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

100 % Critical Health or Safety Deferred Maintenance	____ % Energy, High Perf. Sustain. Bldg.
____ % Critical Health or Safety Capital Improvement	____ % Critical Mission Deferred Maintenance
____ % Critical Resource Protection Deferred Maintenance	____ % Compliance & Other Deferred Maintenance
____ % Critical Resource Protection Capital Improvement	____ % Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No — Total Project Score: 1000

Project Costs and Status

Project Cost Estimate (This PDS):	**$'s**	**%**
Deferred Maintenance Work:	$2,037,000	100
Capital Improvement Work:	$0	
Total Cost Estimate:	$2,037,000	100

Class of Estimate: ◉A ○B ○C ○D

Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	$451,759
Requested in FY 2007 Budget:	$3,499,000
Planned Funding FY 2008	$2,037,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$5,987,759

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated	DOI Approved:
1/9/07	Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	950
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Replacement Survey Aircraft - Phase V		
SAMMS WO: 2012234	Unit/Facility Name: Division of Migratory Bird Management	
Region/Area/District: Region 9	Congressional District:	State:

Project Justification

DOI Asset Code: RPI # FCI-before: .25 FCI-Projected: 0.0 API: N/A

Project Description:

This project is a multi-year program to replace a total of nine aircraft currently used for migratory bird surveys. Aircraft would be replaced beginning with amphibious Cessna 206 aircraft and amphibious DHC2 Beaver aircraft that have been operated with overweight waivers for the last 15 years. The replacement sequence would be based on the condition of aircraft as funds are made available.

Project Need/Benefit:

This project supports the Department's strategic goals 1.2 for resource protection, and 4.1, Protect Lives, Resources, and Property. The Service's fleet of aircraft used by the Migratory Bird Program has an average age of 20.6 years. The age of the aircraft ranges from 14 to 48 years. Many of these aircraft are equipped with amphibious floats for extended flight over areas where there is a possibility of having to land on water in an emergency or other situation. With the addition of other necessary equipment for survey operations, the useful weight-load allowance is inadequate to perform the mission without exceeding the aircrafts' certified gross weight. The Service has been notified by the OAS and the Department of the Interior that the waivers will be discontinued because of concerns for safety and the question of liability when operating aircraft that exceed certification limits. This action will shut down the survey program until mission-capable, FAA-certified aircraft can be acquired. The Service has no capital equipment replacement program for aircraft and funds in the Department's aircraft replacement program do not cover the Service's needs. The Service provides Programatic funding to DOI managed Aircraft Replacement Reserve and Aircraft Accident Reserve accounts. The amount of money contributed varies by year -- contributions are derived from a formula that takes into consideration the age and type of individual aircraft. As such, Aircraft Replacement Reserve and Aircraft Accident Reserve accounts are maintained to ensure critical aircraft assets are retained.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

50	% Critical Health or Safety Deferred Maintenance		% Energy, High Perf. Sustain. Bldg.
50	% Critical Health or Safety Capital Improvement		% Critical Mission Deferred Maintenance
	% Critical Resource Protection Deferred Maintenance		% Compliance & Other Deferred Maintenance
	% Critical Resource Protection Capital Improvement		% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No — Total Project Score: 950

Project Costs and Status

Project Cost Estimate (This PDS):	$'s	%
Deferred Maintenance Work:	$250,000	50
Capital Improvement Work:	$250,000	50
Total Cost Estimate:	$500,000	100

Class of Estimate: ◉ A ○ B ○ C ○ D

Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	$3,457,579
Requested in FY 2007 Budget:	$500,000
Planned Funding FY 2008	$500,000
Future Funding to Complete Project:	$11,542,421
Private Contributions:	$0
Total:	$16,000,000

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated: 2/1/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	675
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Replace Fuel Farm [p/d/cc]		
SAMMS WO: 2013746	Unit/Facility Name: Midway Atoll NWR	
Region/Area/District: Region 1	Congressional District: 99	State: UM

Project Justification

DOI Asset Code: 40400210 RPI # FCI-before: N/A FCI-Projected: N/A API: N/A

Project Description:

Replace the existing fuel farm consisting of two 2.2-million gallon welded steel, above ground storage tanks connected to a multi-station distribution/dispensing system, with smaller tanks and a single station distribution system. The replacement system capacity will accommodate 120% of estimated annual fuel demand. The Service will decommission the old fuel system to ensure that no environmental compliance issues remain when the old system is taken off line, which may require partial demolition of the old system.

Project Need/Benefit:

This project supports the Department's Strategic Goal 4.1, Protect Lives, Resources, and Property.The operation of Midway Atoll NWR is contingent on having a reliable and safe source of JP5 fuel. This fuel runs the electrical generators, supplies the on-island heavy equipment, and fuels the biweekly supply plane. The Service is in the process of downsizing operations at the refuge. By replacing the existing oversized generators with a more appropriately sized system, rehabilitating the electrical distribution system, reducing the number of buildings served, and reducing or eliminating fuel sales, the refuge will be able to operate on a much smaller annual volume of fuel. This will create operational savings for the Service, but will make the existing fuel farm obsolete. Once these efficiencies are realized, an appropriately sized fuel storage system for Midway is between 168,000 and 216,000 gallons, including a safety factor of about 120% of the original estimated annual demand. Not only is the existing system over 20 times larger than what is needed, but also it is in poor condition. In 2003, a leak in the distribution system caused a 100,000 gallon fuel spill that cost $4,500,000 to remediate. In addition, recent inspection reports document the deteriorating condition of the tanks, creating the potential for an even larger spill if one of the tanks were to fail. Repairing the existing system would cost more than the proposed appropriately sized replacement system.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

25	% Critical Health or Safety Deferred Maintenance		% Energy, High Perf. Sustain. Bldg.
	% Critical Health or Safety Capital Improvement		% Critical Mission Deferred Maintenance
50	% Critical Resource Protection Deferred Maintenance	25	% Compliance & Other Deferred Maintenance
	% Critical Resource Protection Capital Improvement		% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ○ Yes ◉ No | Total Project Score: 675

Project Costs and Status

Project Cost Estimate (This PDS):	$'s	%
Deferred Maintenance Work:	$2,346,000	100
Capital Improvement Work:	$0	
Total Cost Estimate:	$2,346,000	100

Class of Estimate: ○ A ○ B ○ C ◉ D

Estimate Good Until (mm/yy): 10/07

Project Funding History (Entire Project):	
Appropriated to Date:	$164,331
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$2,346,000
Future Funding to Complete Project:	$0
Private Contributions:	$0
Total:	$2,510,331

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/1/2007
Project Complete:	9/30/2008

Project Data Sheet Prepared/Last Updated: 1/30/07

DOI Approved: Yes

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
FY 2008 - 2012

U.S. Fish and Wildlife Service
PROJECT DATA SHEET

Project Score/Ranking	650
Planned Funding FY	2008
Funding Source: Construction	

Project Identification

Project Title: Water and Sewer Infrastructure		
SAMMS WO: 0015696	Unit/Facility Name: Patuxent Research Refuge	
Region/Area/District: Region 5	Congressional District: 03	State: MD

Project Justification

DOI Asset Code: 30600300 RPI # 740 FCI-before: FCI-Projected: API:

Project Description:

This project will repair and renovate the deteriorating water, sewer and electrical facilities at the Patuxent Research Refuge and Patuxent Wildlife Research Center. In response to a directive included in the FY 2006 House Appropriations Committee Report, the Service and the U.S. Geological Survey (USGS) assessed the condition of and prepared an estimate to rehabilitate/repair these facilities. The proposed project is a multi-year joint effort whose costs will be paid for by both the U.S. Geological Survey (USGS) and the Service. The total Service portion will be $6.9 million and the USGS's portion will be $4.65 million for a total estimated cost of $11.55 million. As envisioned, funding will be combined as one or more contracts to be managed by the Service.

Project Need/Benefit:

Infrastructure upgrades needs to be undertaken. Sound water supply, wastewater treatment and electrical infrastructure, preferably maintained by the local utilities, are critical components required to ensure the safe and effective operation of DOI activities at Patuxent, and are integral to both effective reuse of existing structures and all options for new construction that may be part of the longer term improvements at PRR. On-site water supply and treatment is composed of original copper piping and an asbestos cement main. The original fire protection system and hydrants are obsolete. One of two wells used to supply the Central Tract facilities -- the main Headquarters area water supply -- was taken out of service some time ago due to contamination with mineral deposits such as iron, potential bacterial contamination, and defects in the wellhead, connecting piping, and valves. Improvements to the electrical utility infrastructure will address both the existing service issues with the local utility and the power requirements on the PWRC and PRR.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

50	% Critical Health or Safety Deferred Maintenance		% Energy, High Perf. Sustain. Bldg.
	% Critical Health or Safety Capital Improvement		% Critical Mission Deferred Maintenance
	% Critical Resource Protection Deferred Maintenance	50	% Compliance & Other Deferred Maintenance
	% Critical Resource Protection Capital Improvement		% Other Capital Improvement

Capital Asset Planning 300B Analysis Required? ◉ Yes ○ No — Total Project Score: 650

Project Costs and Status

Project Cost Estimate (This PDS):	$'s	%
Deferred Maintenance Work:	$5,000,000	100
Capital Improvement Work:	$0	
Total Cost Estimate:	$5,000,000	100

Class of Estimate: ○ A ○ B ○ C ◉ D

Estimate Good Until (mm/yy): 10/08

Project Funding History (Entire Project):	
Appropriated to Date:	
Requested in FY 2007 Budget:	$0
Planned Funding FY 2008	$5,000,000
Future Funding to Complete Project:	$1,900,000
Private Contributions:	$0
Total:	$6,900,000

Dates: (qtr/yy):	Sch'd
Construction Start/Award :	10/07
Project Complete:	10/09

Project Data Sheet Prepared/Last Updated: 2/2/07

DOI Approved: Yes

Summary of Requirements

(Dollar amounts in thousands)

Appropriation: Construction

Comparison by Activity/Subactivity

	2006 Actual		2007 Estimate		Uncont. & Related Chg.		Program Changes		2008 Pres. Budget		(+/-) from 2007	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
Wildlife Refuges		24,313		3,655				+5,691		9,346		+5,691
Fish Hatcheries		3,404		4,799				-2,762		2,037		-2,762
Law Enforcement		3,305		0				+0		0		+0
Dam Safety		709		717				+0		717		+0
Bridge Safety		562		570				+0		570		+0
Other		3,449		500				+0		500		+0
Environmental Compliance	9	985	9	1,000				+0	9	1,000		+0
Core Engineering Services (a)	96	5,813	96	5,795		419	+0	+11	96	6,225		+430
Seismic Safety Inspection		128		100				+20		120		+20
Waste Prevention and Recycling		128		130				-30		100		-30
CAM		2,420		2,456		0		+0		2,456		+0
SubTotal Construction	105	45,216	105	19,722		419		+2,930	105	23,071		+3,349
Fire transfers (b)		-6,000								0		+0
Fire repayment (b)				6,000				-6,000				-6,000
Hurricane Supplemental		162,400								0		+0
Impact of the CR				20,034				-20,034		0		-20,034
Total Appropriation	105	201,616	105	45,756		419		-23,104	105	23,071		-22,685
Reimbursable program		20		2,000						2,000		
Total, Construction	105	201,636	105	47,756		+419		+2,930	105	25,071		-22,685

(a) FTE salary costs are located within Nationwide Engineering Service funds as well as individual projects.
(b) Emergency disaster transfers, $6 million to BLM for wildland fire.
In addition, emergency supplemental funding of $162.4 million was appropriated in FY 2006 for repair of damages to FWS facilities caused by FY 2005 storms.

Standard Form 300

DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
CONSTRUCTION

Program and Financing (in million of dollars)

Identification code 14-1612-0-1-303	2006 act.	2007 est.	2008 est.
Obligations by program activity:			
Direct Program:			
00.01 Refuges	120	86	41
00.02 Hatcheries	10	4	4
00.03 Law Enforcement	2	2	2
00.04 Dam safety	4	3	3
00.05 Bridge safety	1	1	1
00.06 Nationwide Engineering Services	9	9	9
0.100 Total, Direct program:	146	105	60
09.01 Reimbursable program:	0	2	2
10.00 Total, new obligations	146	107	62
Budgetary resources available for obligation			
21.40 Unobligated balance carried forward, start of year	85	142	77
22.00 New Budget Authority (gross)	201	42	25
22.10 Resources avail from recoveries of prior year obligations	2		
23.90 Total budgetary resources available for obligation	288	184	102
23.95 Total new obligations (-)	-146	-107	-62
24.40 Unobligated balance carried forward, end of year	142	77	40
New budget authority (gross), detail:discretionary			
40.00 Appropriation	56	40	23
40.00 Appropriation Hurricane Supplemental	152		
40.35 Appropriation permanently reduced	-1		
41.00 Current year authority transferred to other accounts (14-1125)	-6		
43.00 Appropriation (total, discretionary)	201	40	23
Discretionary spending authority from offsetting collections			
58.00 Offsetting collections (cash)	9	2	2
58.10 Change in uncollected customer payments from federal	-9		
58.90 Spending authority from offsetting collection (total discretionary)	0	2	2
70.00 Total new budget authority (gross)	201	42	25

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Program and Financing (in millions of dollars)

Identification code 14-1612-0-1-303	2006 act.	2007 est.	2008 est.
Change in obligated balances			
72.40 Obligated balance, start of year	56	118	143
73.10 New obligations	146	107	62
73.20 Total outlays (gross) (-)	-91	-82	-82
73.45 Recoveries of prior year obligations (-)	-2		
74.00 Change in uncollected customer payments	9		
74.40 Obligated balance, end of year	118	143	123
Outlays (gross) detail:			
86.90 Outlays from new discretionary authority	15	10	7
86.93 Outlays from discretionary balances	76	72	75
87.00 Total outlays (Gross)	91	82	82
Offsets against gross BA and outlays:			
Offsetting collections from:			
88.00 Federal sources	9	2	2
Against gross budget authority only:			
88.95 Change in uncollected customer payments from Federal sources	-9		
Net budget authority and outlays:			
89.00 Budget Authority	201	40	23
90.00 Outlays	82	80	80
95.02 Unpaid obligation, end of year	118		

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Object Classification (in millions of dollars)

Identification code 14-1612-0-1-303	2006 act.	2007 est.	2008 est.
Direct Obligations:			
Personnel compensation:			
11.1 Full-time permanent	8	8	8
11.3 Other than full-time permanent	1	1	1
11.9 Total personnel compensation	9	9	9
12.1 Civilian personnel benefits	2	2	2
21.0 Travel and transportation of persons	1	1	1
23.1 Rental payments to GSA	1	1	1
25.2 Other Services	16	10	8
25.3 Purchase of goods from Government accounts	29	4	3
25.7 Operation and maintenance of equipment	10	7	7
26.0 Supplies and materials	2	3	3
31.0 Equipment	3	3	5
32.0 Land and structures	63	63	19
41.0 Grants, subsidies and contributions	7	2	2
99.0 Subtotal obligations, Direct Obligations	143	105	60
99.0 Reimbursable obligations			
23.2 Land and Structures	1	1	1
99.5 Below reporting threshold	2	1	1
99.9 Total, new obligations	146	107	62

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Personnel Summary

Identification code 14-1612-0-1-303	2006 act.	2007 est.	2008 est.
Direct:			
Total compensable workyears:			
Full-time equivalent employment	105	105	105
Full-time equivalent of overtime and holiday hours			

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